



DATE PRESENTING CLINICAL SIGNS

6/22/22

P history- came in to get tumor checked - liver enzymes elevated on bw. U/S findings: Swollen, irregular spleen and liver, strong concern for splenohepatic lymphoma. Splenitis and cholangiohepatitis are possible yet less likely

INTERPRETED BY

L.D. McGill, DVM,
Ph.D, DACVP

CYTOLOGY SUBMISSION

FNA of Spleen & Liver

PATIENT

Oatmeal Podgurski

OBSERVATIONS

Spleen: Submitted are 3 excellent videos of cells collected from the spleen in Oatmeal. The cellularity is mixed in many fields, but the majority of the cells are round cells. Round cells are large to intermediate sized lymphocytes with prominent bluish gray cytoplasm and irregular nuclei. There is anisocytosis and anisokaryosis. Some of the nuclei contain nucleoli. Scattered neutrophils and macrophages are visualized.

SPECIES

Feline

Liver: Submitted are 4 excellent videos of cells collected from the liver in Oatmeal. The cellularity consists of good collections of hepatocytes many of which are within normal limits with some demonstrating granularity and there are some packets of hepatocytes that demonstrate vacuolization. This vacuolization is irregular. There are scattered inflammatory cells in several fields but there are also some packets of lymphocytes associated with hepatocytes and the surrounding red blood cells.

BREED

DSH

The lymphocytes are slightly enlarged and similar to those in the spleen.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

SEX

FS

Spleen - Suggestive of early high-grade lymphoma

Liver - Suggestive of lymphoma with hepatocellular vacuolization and granularity.

COMMENTS

AGE

10y 7m

The cellularity in the spleen and liver demonstrates some aggregates of lymphoid cells that suggest lymphoma. This could be an intermediate cell or even high-grade lymphoma, but it is not classical to confirm the diagnosis with this collection. It is strongly suggestive but not diagnostic.

WEIGHT

Immunophenotyping the cells on the slides with PARR testing may be beneficial. Exploratory and removal of the spleen may be beneficial clinically. This could easily be a form of splenohepatic lymphoma, but further workup will be required to confirm that diagnosis. Treatment can be started at this time and may be beneficial, but it also may not be beneficial. A guarded to unfavorable prognosis is warranted in my opinion.

HOSPITAL NAME

ACC Flanders

REFERRING VET

Dr. Hallihan

INVOICE NUMBER

40552



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Oatmeal Podgurski

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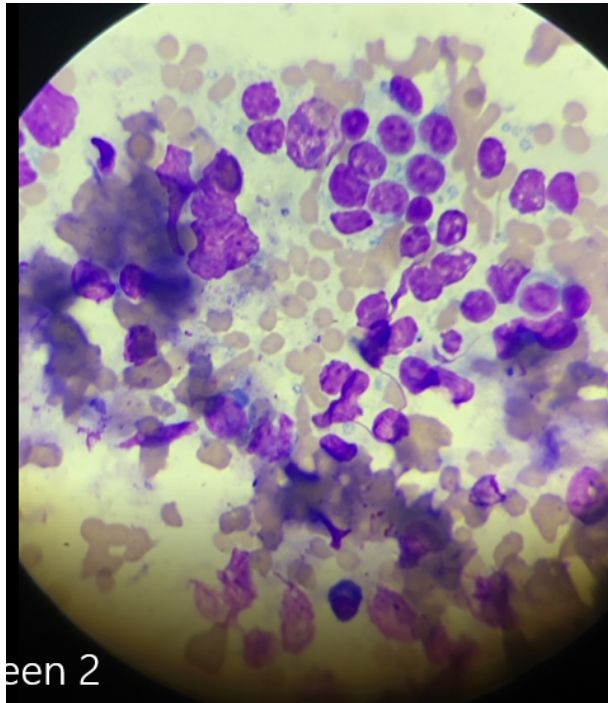


Image 2

Image shows a group of lymphoid cells collected from the spleen in Oatmeal. Note the anisocytosis and anisokaryosis.

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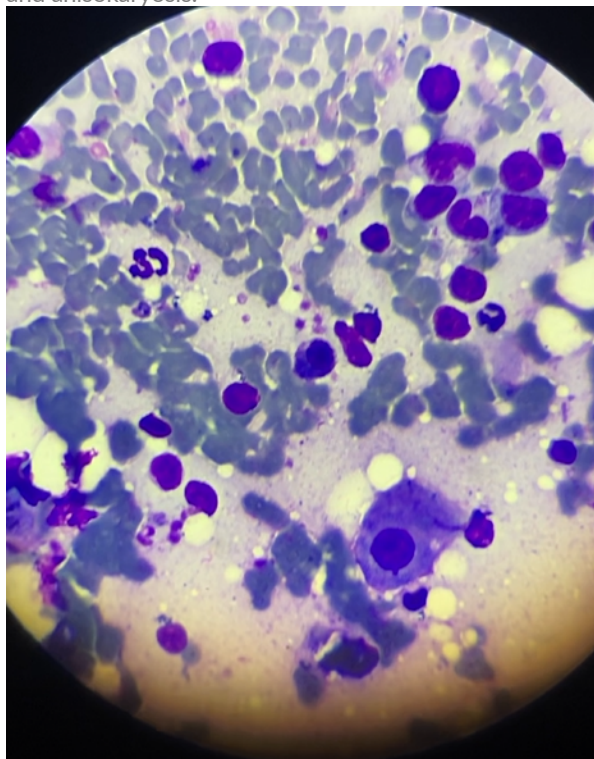


Image shows a group of lymphoid cells associated with a hepatocyte interspersed with neutrophils from the liver aspirate in Oatmeal. Note the anisocytosis in the lymphoid cells.



DATE 6/22/22 The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

INTERPRETED BY L.D. McGill, DVM, Ph.D., DACVP Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance, please contact me.

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